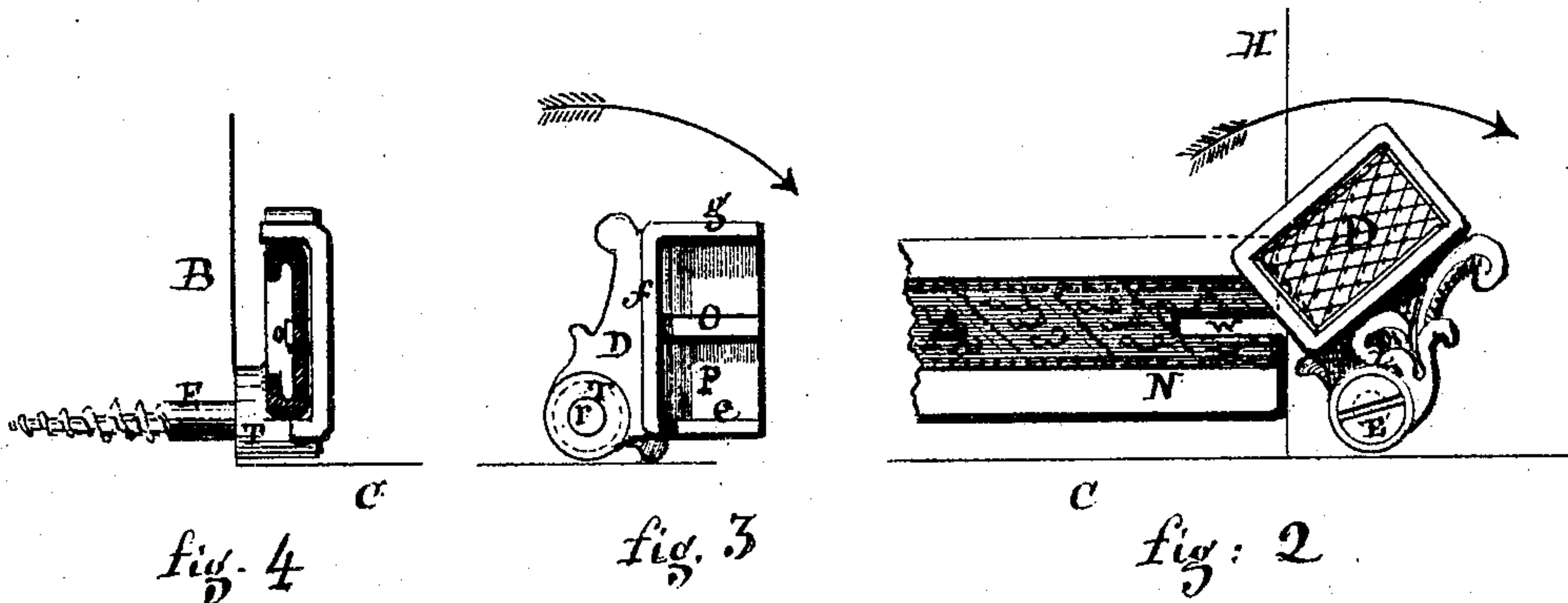
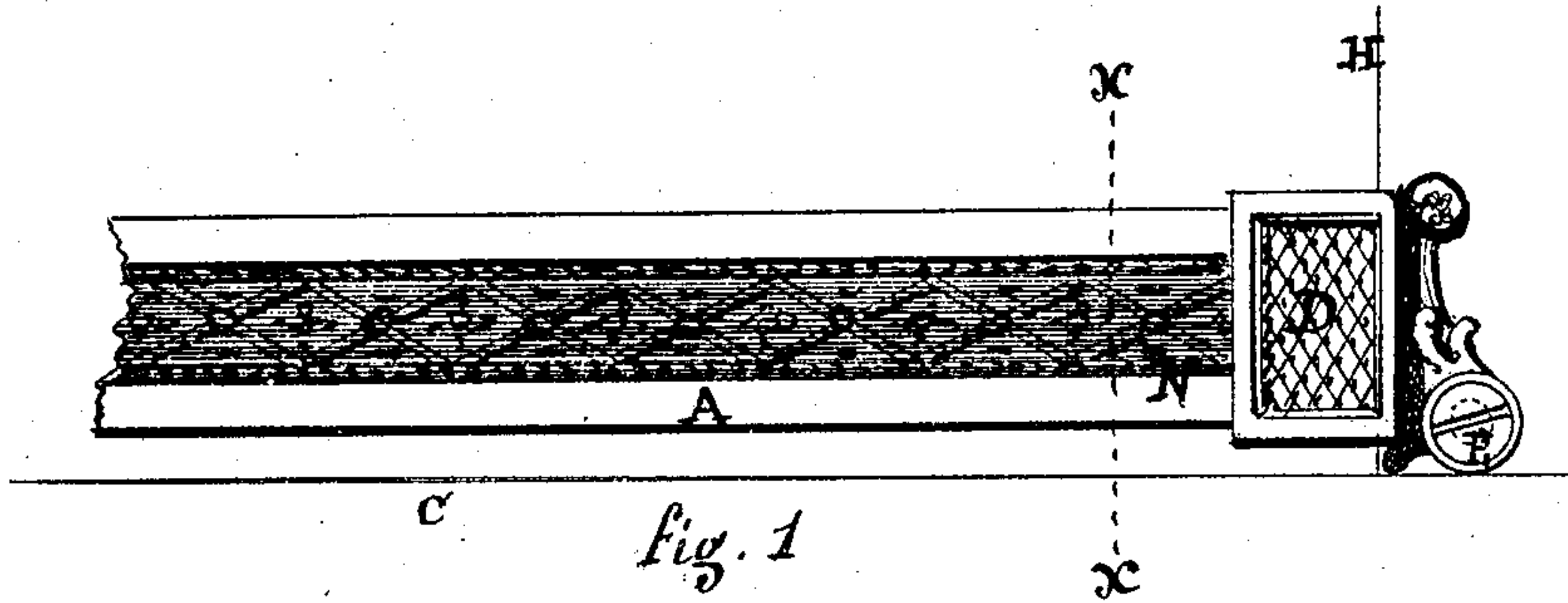


H. Uhry,
Stair Rod.

No. 101,064.

Patented Mar. 22. 1870.



Witnesses.

Wm. Bell
H. Gengembre Helbert

Inventor.

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United States Patent Office.

H. UHRY, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM B. GOULD, OF
SAME PLACE.

Letters Patent No. 101,064, dated March 22, 1870.

IMPROVEMENT IN STAIR-RODS.

The Schedule referred to in these Letters Patent and making part of the same

I, H. UHRY, of New York city, in the county and State of New York, have invented certain Improvements in Stair-Rods, of which the following is a specification.

Nature and Objects of the Invention.

This invention relates to an improved fastening for flat metallic or wooden stair-rods, and it consists in the combination with a stair-rod slotted longitudinally at each end, of end pieces, which being fastened at the bottom to the stair-riser by a wood-screw, may be either pivoted thereon out of the way for removing the stair-rod, or back on said rod to hold it fast to the stair-riser when it is in place.

Description of Drawings.

Figure 1 represents the front view of part of a metallic stair-rod with my improvement attached;

Figure 2 is a similar view, showing the way my fastening is pivoted out of the way for removing the stair-rod;

Figure 3 is a view of my improved fastening or pivoted end piece, seen from the back; and

Figure 4 is a section at *xx* of the figure 1.

General Description.

A is the stair-rod, which may be made of wood, metal, or any other material, and of any desired shape and pattern, provided its ends are made flat to suit the shape of the fastening, and has both ends slotted longitudinally, as seen in the drawings, fig. 2, marked W;

B is the riser; and

C is the tread of a stair-case.

D is an ornamental end-piece, presenting in front any shape and design suitable to match or harmonize in taste with the rod for which it is intended; but having near its lower part a hole, *r*, suitable for receiving the wood-screw E, by means of which it is to be fastened to the riser B of the stair-case.

The back part of the piece D has a cavity or recessed part, P, formed so as to fit over the end of the stair-rod, and having its side *f* and top *g* as high as the thickness of the stair-rod at its end, but the lower side or ledge *e* is only equal to one-quarter (or about that) of the height of the side *f*.

T is a boss or solid washer around the hole *r* at the

back of the piece D, which is intended to keep off the said piece D from the stair-riser, and allow room for the thickness of the carpet between the rod and the stair-riser.

Operation.

To fasten a carpet upon a stair with my improved stair-rod fastening, the rod need not be any longer than the width of the carpet, a mark is made upon the riser at H indicating the width of the carpet, and by placing one of my end pieces D at each end of the rod and placing the whole in proper position, the place for driving in the screws E is readily found, and the screws inserted so as to present the appearance of fig. 1.

When it is desired to remove the rod, you press slightly (away from you) upon the end of the stair-rod at N, the ledge *e* of the piece D rides over the flat side of the rod A, and the said piece D is pivoted, as indicated by the arrow on fig. 2, until the rod is free.

To hold the fastening-piece D still more steady in its place, the rod A may have a slot, W, at its end, and the piece D a corresponding projection, O, which, when it comes opposite to the slot W, will, by fitting snugly into said slot, retain the piece D steady, and thus assist the ledge *e* in making it more permanent.

In replacing the rod, it is inserted in its place, and the piece D is pivoted back in the direction of the arrow in fig. 3, until it is in the position shown in fig. 1.

All the strain which is brought to bear upon the stair-rods to tear them away from the riser is exerted upon the lower edge of the said stair-rods, and in my improved fastening I claim that the fastening-screw, being located in straight line with the lower part of the rod, renders the fastening more efficient than if it were fastened from the top or center.

Claim.

What I claim, is—

The combination of the end-piece D, having the ridge O, and being pivoted from the bottom upon the screw E with the stair-rod A, slotted longitudinally at each end, substantially in the manner and for the purpose set forth.

H. UHRY. [L. S.]

Witnesses:

H. GENYEMBE HUBERT,
JONA. BELL.